

Case 353 : Narrative

Case Vehicle (A): 2002 Chrysler	Vehicle (B): 1991 Chevrolet	Vehicle (C): 2000 Ford
Type: PT Cruiser, 4-door SUV	Type: Lumina, 4-door sedan	Type: Crown Victoria, 4-door sedan
Driver: 37-year-old male	Driver: 18-year-old male	Driver: 32-year-old male
CDC: 12-FLEE-7, 03-BYMS-1	CDC: 12-FLEE-6	CDC: 99-0000-0

SITUATION

1 It was dark, there were no streetlights, the weather was cloudy, and the two-lane asphalt road was dry and free of defects. 2 Case vehicle (A) was traveling north at an unknown speed in the northbound lane and vehicle (C), a police cruiser, was stopped on the right northbound shoulder with its overhead emergency lights activated, while the officer was involved in a routine traffic stop. 3 Vehicle (B) was traveling south in the southbound lane. As case vehicle (A) approached the police cruiser, the driver of case vehicle (A) steered to the left of the centerline, reportedly because he believed a new traffic law required that this be done when passing stopped emergency vehicles. As case vehicle (A) entered the southbound lane, the left front struck the left front of vehicle (B) in an offset mode. Following the impact, case vehicle (A) rotated counter clockwise and the left-rear bumper corner endswiped the left side of vehicle (C) before case vehicle (A) came to rest in the northbound lane. Vehicle (B) rotated counterclockwise and came to rest in the southbound lane. Both case vehicle (A) and vehicle (B) were towed due to damage. Vehicle (C) was towed but was reportedly drivable. The police accident report indicates A-level injuries for the drivers of case vehicle (A) and vehicle (B) and two rear-seat child passengers of case vehicle (A), and C-level injuries for the driver of vehicle (C). All occupants of case vehicle (A) were transported by ambulance to a local hospital where they were briefly treated before all were transferred to a regional level-one trauma center. The driver of

vehicle (B) was also transported by ambulance to a local hospital while the driver of vehicle (C) refused treatment.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[4](#) Damage to the front and left side of case vehicle (A) was severe. Direct damage began at the left-front bumper corner and continued 40-cm to the right, resulting in 27-percent vehicle overlap (VOL). The maximum crush at the bumper level was 44 cm and occurred at the left-front bumper corner. [5](#) Due to the initial narrow front-end engagement, direct damage continued down the left side of the vehicle and involved most of the driver door but stopped short of the B-pillar.

[6](#) [7](#) [8](#) [9](#) Damage to the front of vehicle (B) was severe. Direct damage began at the left-front bumper corner and continued 40 cm to the right, resulting in 31-percent vehicle overlap (VOL). The maximum crush at the bumper level was 106 cm and occurred at the left-front bumper corner. The left wheelbase was reduced by 3 cm while the right wheelbase was increased by 10 cm.

Vehicle (C) was not available for inspection but it was reported that there was a dent to the exterior panel of the left-rear door.

Using the WinSMASH crash-reconstruction program and [5](#) [6](#) [7](#) crush profiles measured at the bumpers of case vehicle (A) and vehicle (B), the following impact severities were calculated:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	51 (32)	-51 (-32)	0 (0)
Vehicle (B)	delta V	51 (31)	-51 (-31)	0 (0)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[10](#) [11](#) In the front, the left side of the bumper cover was scuffed and torn and had been torn off of the bumper reinforcement bar. [12](#) The left side of the bumper reinforcement bar was crushed rearward into the lower portion of the radiator. The grille was damaged and the left headlight assembly was missing. [13](#) [14](#) The hood was crushed rearward and buckled up. The hood latch was damaged but not released, and the hood remained on the vehicle. Both hood hinges were deformed but not separated. The rear edge of the hood was elevated and probably contacted the windshield. [15](#) [16](#) [17](#) There were two large slits through the plastic interlayer of the windshield on the left side and one large slit on the right side.

[18](#) On the left side, the left fender was crushed to the rear and it was nearly separated from its attachments. [19](#) [20](#) The left-front wheel was sheared from the axle, the wheel was damaged, and the tire sidewall was damaged and deflated. The left wheelbase was reduced by 27 cm due to front axle deformation. [21](#) The left A-pillar was deformed to the rear and both left-side doors were jammed shut, but the driver door had been removed by rescue personnel in order to extricate the driver. The glazing in the left-front and left-rear doors was shattered, but [22](#) the glazing behind the left-rear door was intact. The front portion of the left-rear door was damaged but this appeared to be related to extrication efforts and removal of the left-front door. There was no other left-side damage.

[23](#) [24](#) [25](#) There was minor damage to the rear of the vehicle. The left portion of the rear bumper was scuffed and abraded and the lens cover for the left-rear backup light was broken from contact with the left side of vehicle (C). The tailgate remained closed and operational and there was no damage to the backlight glazing.

[26](#) [27](#) [28](#) [29](#) On the right side, the vehicle was slightly bowed, causing both right-side doors to be jammed shut. There was some minor extrication damage near the latches and pillars caused by the rescue crew when the doors were pried open. There was no damage to the right-side glazing. The right wheelbase was increased by 3 cm. [30](#) There was no other damage to the right side.

[31](#) [32](#) On the top of the vehicle, there was buckling near the upper sections of the left A- and B-pillars. The sunroof remained attached to the vehicle but roof buckling caused the bond of the sunroof glazing to begin to separate along the left side.

Interior

[33](#) [34](#) This vehicle was equipped with steering-wheel and dash-mounted frontal impact airbags and both deployed during the offset-frontal impact. [35](#) The top-left portion of the steering-wheel airbag was stained with blood. The dash-mounted airbag was not damaged and there were no contact marks on the airbag or airbag module.

[36](#) [37](#) In the driver seating area, the lower half of the steering-wheel rim was deflected forward 6 cm and the steering column was rotated up. [38](#) The instrument panel was damaged and pushed rearward and the left side was damaged more extensively than the right. [39](#) The plastic housing of the vertical console was displaced and some of the radio and climate-control knobs were detached. [40](#) [41](#) [42](#) The driver knee bolster was deformed and there were cloth transfers on the knee-bolster cover to both sides of the steering column. [43](#) [44](#) The toe-pan was intruded into the driver foot-well area and the foot controls were deformed. [45](#) [46](#) The interior panel of the driver door was deformed, the plastic panel was crazed, and the door-mounted armrest was torn off and not available for inspection. [47](#) [48](#) The driver seatback was rotated to the left and the lower-right portion of the seatback appeared to be displaced up and to the left. [49](#) [50](#)

There were dark smudges and streaks on the back of seatback of the driver seat. [51](#) Also, in the driver area, the windshield was cracked and torn forward and to the left of the steering wheel, but there was no evidence of driver contact and [52](#) [53](#) there was no damage to the windshield header or driver sunvisor. [55](#) The left A-pillar was damaged and rescue personnel had cut the upper portion, but there were no contact marks on the A-pillar cover or on the left roof siderail. The left roof siderail and roof structure were buckled, causing deformation to the sunroof frame and the headliner.

[54](#) There was no damage in the center-front or right-front interior areas. In the second-row seating area, [56](#) [57](#) [58](#) [59](#) there was no damage, but there were scuffmarks on the interior of the left-rear door and armrest.

Location	Component	Distance (cm)	Direction
driver	toe pan	20	to rear
	instrument panel	20	to rear
	kick panel	25	to right
center front	vertical console	15	to rear
right front	instrument panel	7	to rear

OCCUPANT KINEMATICS AND INJURIES

[61](#) [62](#) [33](#) The 37-year-old male driver was using the available three-point belt and the steering-wheel airbag deployed. Loading marks on the plastic D-ring and the continuous loop confirm seatbelt use by the driver who had adjusted the seat to a mid-to-rear track position with the seatback slightly reclined.

During the frontal impact, the driver moved forward relative to the vehicle interior, into the belt restraint, knee bolster, and airbag. [63](#) [64](#) He sustained a left acetabular fracture from knee contact with the knee bolster.

The 3-ft, 10-in, 60-lb, 6-year-old male, left-rear passenger was using the available three-point belt. [65](#) [66](#) [67](#) [68](#) Loading marks on the plastic D-ring and the continuous loop confirm seatbelt use by this child occupant. [69](#) [70](#) The child passenger was also wearing a backpack containing two textbooks that was removed by the rescue crew by cutting one strap.

During the frontal impact, the left-rear passenger moved forward relative to the vehicle interior into the belt restraints. He sustained a contusion to the anterior neck/throat from loading by the shoulder belt. He also sustained several upper cervical-spine injuries, including a fracture of C2 with spinal cord contusion, resulting in an incomplete cord syndrome (partial permanent paralysis), subarachnoid hemorrhage within the spinal canal, a 2-mm subluxation of C2 over C3, and a herniated disc between C2 and C3. These injuries were probably caused by non-contact head loading on the neck (i.e., inertial loading).

The 3-ft, 2-in, 48-lb, 3-year-old male, right-rear passenger was seated in a high-back booster seat and using the available three-point belt. [71](#) [72](#) There were light loading marks on the plastic D-ring, but none on the continuous loop or belt webbing. [73](#) [74](#) [75](#) [76](#) [77](#) [78](#) [79](#) [80](#) [81](#) The high-back booster seat was damaged along the right-side due to loading by the shoulder belt, but no other damage was noted. During the frontal impact, the right-rear passenger moved forward relative to the vehicle into the lap and shoulder belts and he was not injured.

The following tables and attached drawings [82](#) [83](#) [84](#) summarize the injuries for the belted driver and two rear seat occupants of case vehicle (A).

Occupant: Driver	Age: 37 years	Gender: Male		
Restraints: Three-point belt; steering-wheel airbag	Stature: Unknown	Mass: Unknown		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Fracture, left acetabulum	2	Knee bolster	—	—
Maximum A.I.S. Level	2	—	—	—
Injury Severity Score	4	—	—	—

Occupant: Left rear	Age: 6 years	Gender: Male		
Restraints: Three-point belt	Stature: 117 cm (3 ft, 10 in)	Mass: 27 kg (60 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
C2 fracture with cord contusion and subarachnoid hemorrhage within spinal canal, incomplete cord syndrome (permanent partial paralysis)	4	—	Inertial forces	—
C2 subluxation over C3 with 2mm displacement	3	—	Inertial forces	—
Contusion, anterior neck/throat	1	Shoulder belt	—	—
Herniated disc between C2 and C3	2	—	Inertial forces	—
Maximum A.I.S. Level	4	—	—	—
Injury Severity Score	17	—	—	—

Occupant: Right rear	Age: 3 years	Gender: Male		
Restraints: Three-point belt with high-back booster seat	Stature: 97 cm (3 ft, 2 in)	Mass: 22 kg (48 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
No injuries	0	—	—	—
Maximum A.I.S. Level	0	—	—	—
Injury Severity Score	00	—	—	—

CASE NO.: 353-02

CASE VEHICLE: 2002 Chrysler

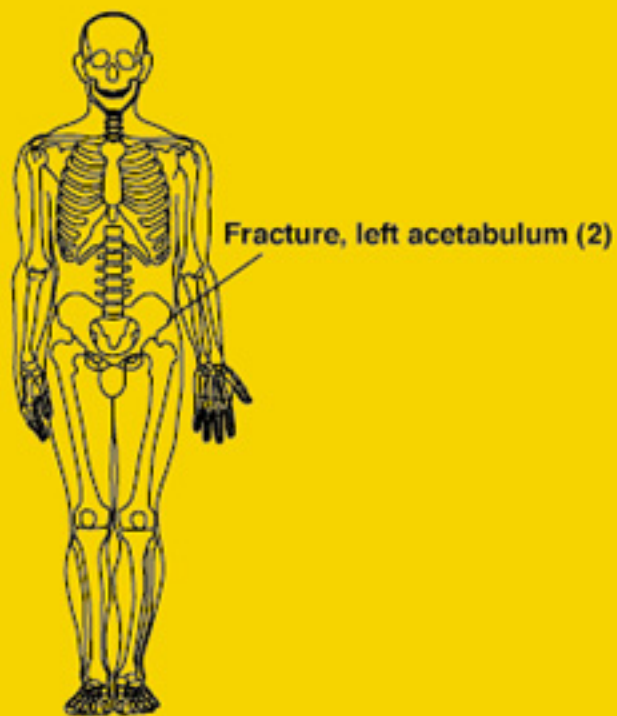
TYPE: PT Cruiser, 4-door SUV

OCCUPANT: (Driver): 37-year-old male

STATURE: Unknown MASS: Unknown

RESTRAINTS: 3-point belt; steering-wheel airbag

SEVERITY: MAIS - 2 : ISS - 4



CASE NO.: 353-02

CASE VEHICLE: 2002 Chrysler

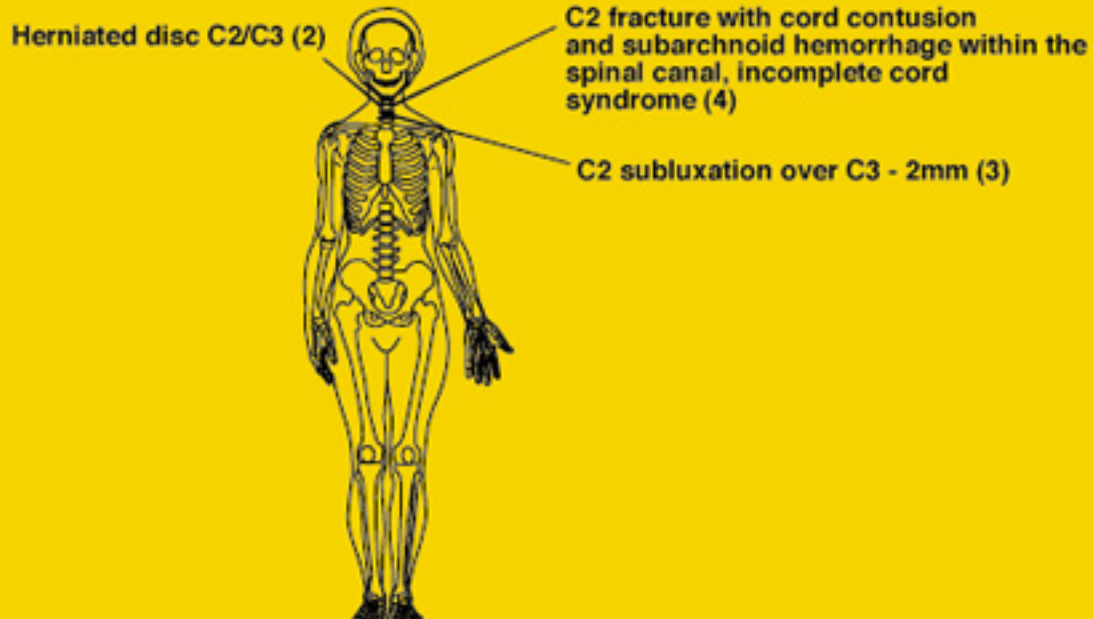
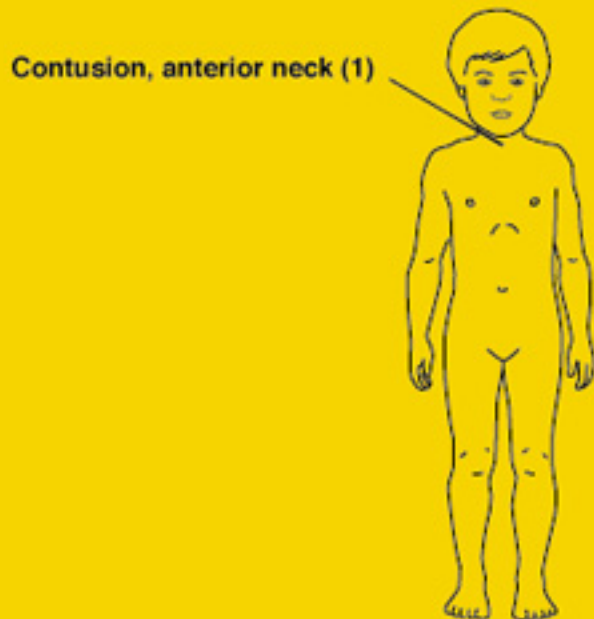
TYPE: PT Crusier, 4-door SUV

OCCUPANT: (Left rear) 6-year-old male

STATURE: 117 cm (3 ft, 10 in) MASS: 27 kg (60 lb)

RESTRAINTS: 3-point belt

SEVERITY: MAIS - 4 ISS - 17



CASE NO.: 353-02

CASE VEHICLE: 2002 Chrysler

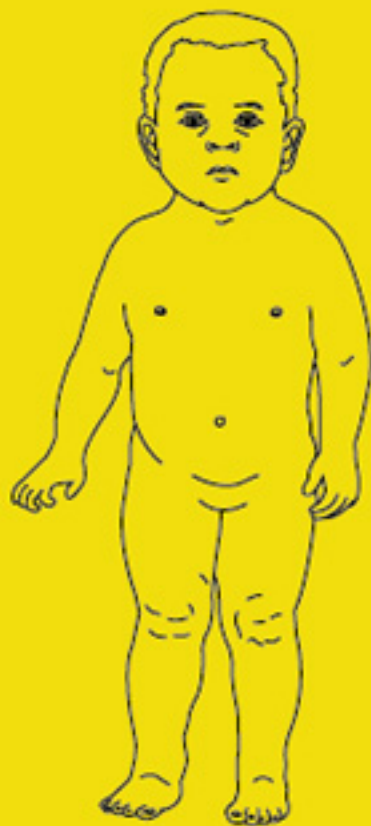
TYPE: PT Cruiser, 4-door SUV

OCCUPANT: (Right-rear) 3-year-old male

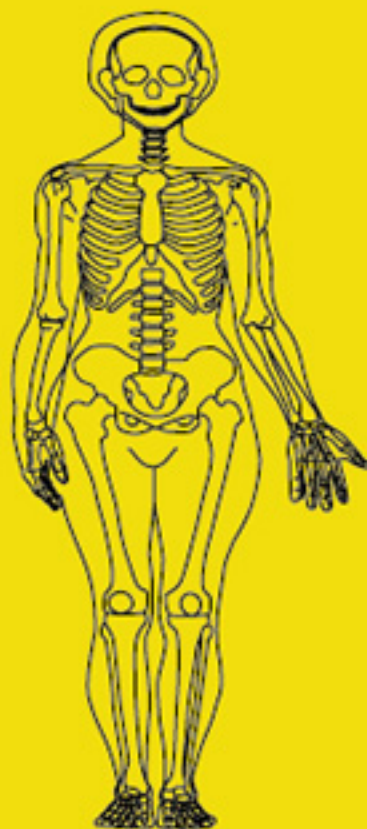
STATURE: 97 cm (3 ft, 2 in) MASS: 22 kg (48 lb)

RESTRAINTS: 3-point belt with high-back booster seat

SEVERITY: MAIS- 0 ISS- 0

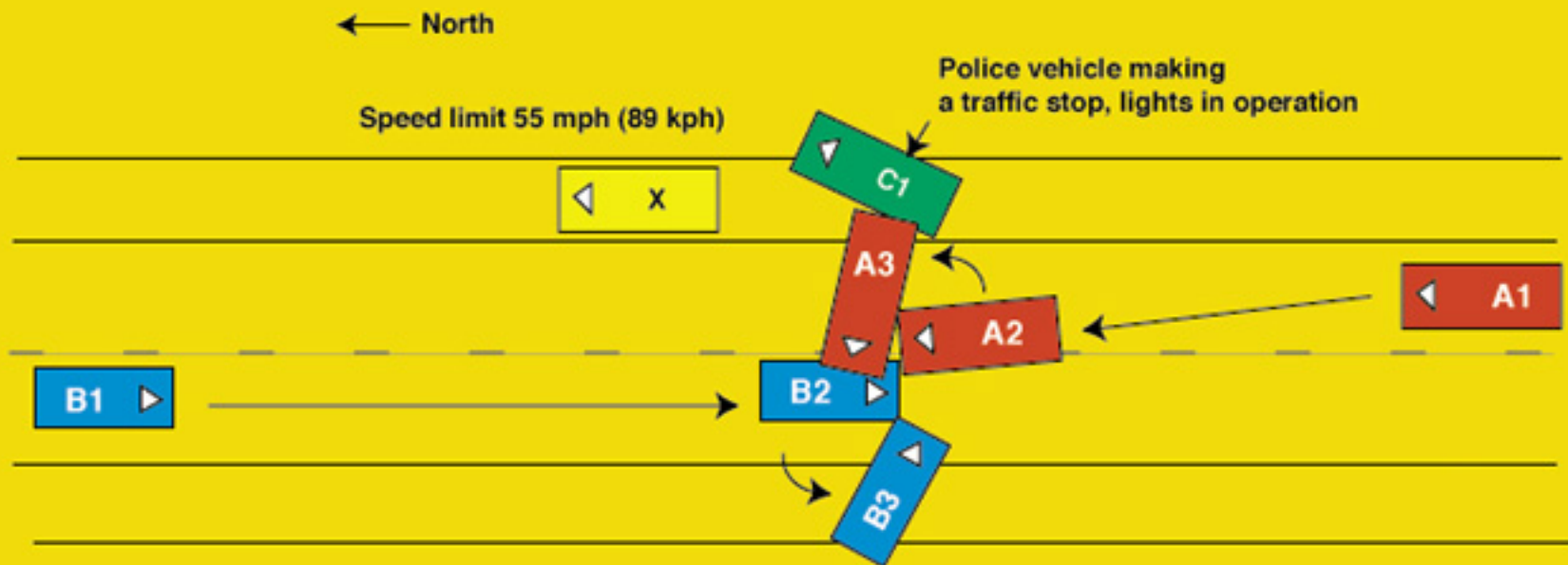


Not Injured



Case No.: 353-02
Case Veh. (A): 2002 Chrysler
Type: PT Cruiser, 4-door SUV
Driver: 37-year-old male
Vehicle (B): 1991 Chevrolet Lumina
Vehicle (C): 2000 Ford Crown Victoria

Weather: Cloudy
Road Surface: Dry
Road Construction: Asphalt
Light Conditions: Dark - unlighted



Vehicle Report

General

Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	2	2 lanes	more
V209 — Intersecting Road Total Lanes	8	Not applicable	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	1	Level	more
V214 — Road Alignment Horizontal Plane	1	Straight	more
V215 — Surface Covering	10	Dry	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	6	86-90 km/h .. 55 mph	more
V219 — Precipitation Type	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	9	Unknown	more
V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	5	Dark, unlighted	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	0	No	more

V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	0	No	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	more
V229 — Case Vehicle/Contacted Stopped Vehicle	1	Yes	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	2	2 vehicles	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	more
V234 — Driver Alcohol Involvement	0	Had not been drinking	more
V235 — Driver Alcohol BAC	80	Not tested	more
V236 — Driver Impairment Mention	0	No	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	2FAFP71W8YX0	—	—
V302 — Other Vehicle Manufacturer/Body Code	22129	—	—
V303 — Other Vehicle Manufacturer	221	Ford/Canada	more
V304 — Other Vehicle Body Code	29	Full 110-114.9 in. wb.	more
V305 — Other Vehicle Make/Model	0217	Crown Victoria	more
V306 — Other Vehicle Model Year	2000	—	—
V307 — Other Vehicle Mass	001722 kg	—	—
V308 — Other Vehicle Number	0	No separate report	more
V309 — Other Vehicle Number of Occupants	01	—	—
V310 — Other Vehicle Traveling Speed	000 kph	Parked or stopped	more
V311 — Highest Police Injury Severity	1	C - Possible Injury	more
V312 — Other Vehicle Type	29	Full 110-114.9 in. wb.	more
V313 — Other Vehicle Wheelbase (cm)	291 cm	—	—
V314 — Average Track Width	164 cm	—	—
V315 — Overall Length	538 cm	—	—
V316 — Overall Width (OAW)	199 cm	—	—
V317 — Front Overhang (FOH)	108 cm	—	—
V318 — Rear Overhang (ROH)	139 cm	—	—
V319 — Undeformed End Width (UEW)	999	Unknown	more
V320 — Engine Displacement	4.6 l	—	—

V321 — Engine: Number of Cylinders	08	—	—
V322 — Direct Damage Length (DDL)	999	Unknown	more
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	more
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more

Case Vehicle

General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	3C4FY48B62T0	—	—
V402 — Manufacturer/Body Code	94314	—	—
V403 — Vehicle Manufacturer	943	Chrysler (Mexico)	more
V404 — Vehicle Body Code	14	—	—
V405 — Make/Model Code	1246	—	—
V406 — Model Year	2002	—	—
V407 — Vehicle Mass	001411 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	03	—	—
V410 — Traveling Speed	997	Speed not excessive (but unknown)	more
V411 — Body Type	21	Small utility (e.g. Jeep, Scout, Bronco)	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	2	Unitized	more
V414 — Transmission Type	2	Manual	more
V415 — Transmission Lever Location	1	Floor	more
V416 — Steering	1	Power	more
V417 — Brakes	1	Power	more
V418 — Brake Type	9	Unknown	more
V419 — Brake Anti- lock Device	9	Unknown	more
V420 — Air Conditioning in Vehicle	8	Not currently collected	more

V421 — Drive Type	2	Front wheel	more
V422 — Dual Rear Wheels	0	No	more
V423 — Original Restraint System Type	3	Airbag	more
V424 — Equipped With Roll Bar	0	No	more
V425 — Roof Type	4	Sun roof closed	more
V426 — Wheelbase	262 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	148 cm	—	—
V429 — Overall Length	429 cm	—	—
V430 — Overall Width (OAW)	171 cm	—	—
V431 — Front Overhang	084 cm	—	—
V432 — Rear Overhang	084 cm	—	—
V433 — Undeformed End Width (UEW)	160 cm	—	—
V434 — Engine Displacement	2.4 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	04	—	—
V436 — Direct Damage Length (DDL)	040 cm	—	—
V437 — Front End Overlap % (FEO)	25	—	—
V438 — Vehicle Overlap % (VOL)	27	—	—

Case Vehicle

Damage

Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	044 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	001 cm	—	—
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	more
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	more
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
V507 — Are Events In Chronological Order	1	Yes	more
V508 — Event 1 Impact Location	1	On Roadway	more
V509 — Event 1 Impact Configuration	11	FRONT of case veh - FRONT of contacted Vehicle	more
V510 — Event 1 Object/Vehicle Contacted	28	Intermediate 105-109.9 in. wb.	more
V511 — Event 2 Impact Location	2	Shoulder/Median/Gore	more
V512 — Event 2 Impact Configuration	33	—	—
V513 — Event 2 Object/Vehicle Contacted	29	Full 110-114.9 in. wb.	more
V514 — Event 3 Impact Location	8	No 3rd event	more
V515 — Event 3 Impact	88	No 3rd event	more

Configuration			
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V517 — Event 4 Impact Location	8	No 4th event	more
V518 — Event 4 Impact Configuration	88	No 4th event	more
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V520 — Event 5 Impact Location	8	No 5th event	more
V521 — Event 5 Impact Configuration	88	No 5th event	more
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V523 — Event 6 Impact Location	8	No 6th event	more
V524 — Event 6 Impact Configuration	88	No 6th event	more
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V526 — Event 7 Impact On Road	8	No 7th event	more
V527 — Event 7 Impact Configuration	88	No 7th event	more
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	more
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	more
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	more
V532 — Primary CDC Case Vehicle -crush	044	—	—
V533 — Primary CDC Case Vehicle -clock #1	12	12 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more

V535 — Primary CDC Case Vehicle letter 2 #1	12	L - Left (Front or Rear)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	05	E - Corner (extends from corner to = or < 16 in [410mm])	more
V538 — Primary CDC Case Vehicle Extent #1	07	Extent 7	more
V539 — Primary CDC Case Vehicle -CDC #1	12FLEE7	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	106	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	12	12 o'clock	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	06	F - Front	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	12	L - Left (Front or Rear)	more
V553 — Primary CDC Contacted Vehicle letter 3	05	E - Everything below belt line	more

#1			
V554 — Primary CDC Contacted Vehicle letter 4 #1	05	E - Corner (extends from corner to = or < 16 in [410mm]) or	more
V555 — Primary CDC Contacted Vehicle Extent #1	06	Extent 6	more
V556 — Primary CDC Contacted Vehicle -CDC #1	12FLEE6	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	2	Event 1	more
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	more
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	001		more
V568 — Secondary CDC Case Vehicle -clock #1	03	3 o'clock	more
V569 — Secondary CDC Case Vehicle letter 1 #1	02	B - Back (Rear)	more
V570 — Secondary CDC	25	Y - Side or end (F + P or L + C)	more

Case Vehicle letter 2 #1			
V571 — Secondary CDC Case Vehicle letter 3 #1	13	M - Middle (top of frame to belt line or hood)	more
V572 — Secondary CDC Case Vehicle letter 4 #1	19	S - Sideswipe	more
V573 — Secondary CDC Case Vehicle Extent #1	01	Extent 1	more
V574 — Secondary CDC Case Vehicle -CDC #1	03BYMS1	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	999	Unknown	more
V583 — Secondary CDC Contacted Vehicle - Estimated By	1	—	—
V584 — Secondary CDC Contacted Vehicle -crush	999	Unknown	more
V585 — Secondary CDC Contacted Vehicle -clock #1	99	Unknown or no damage	more
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more

V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V591 — Secondary CDC Contacted Vehicle -CDC #1	9900000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	051 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-051 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0000 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0057 kJ	—	—
V606 — Primary Impact Case Vehicle -reconstruction	22	Reconstructed, moderate confidence level	more
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	051 kph	—	—
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-051 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	0000 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0269 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	2	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	999	Unknown	more
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	9999	—	—

V616 — Secondary Case Vehicle Reconstructed Crush Energy	9999	—	—
V617 — Secondary Case Vehicle Reconstruction Note	08	Skidding sideways	more
V618 — Secondary Case Vehicle Reconstruction Mode	5	Not reconstructed	more
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	999	Unknown	more
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	9999	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	9999	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	029 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-029 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0000 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0057 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	065 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-065 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	0000 kph	—	—

V633 — Primary Contacted Vehicle Reconstruction Crush Energy	0269 kJ	—	—
V634 — Case Vehicle Secondary Impact Number	2	—	—
V635 — Secondary Case Vehicle Reconstruction Total EBS	999	Unknown	more
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	9999	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	9999	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	9999	—	—
V639 — Secondary Case Vehicle Reconstruction Note	08	Skidding sideways	more
V640 — Secondary Case Vehicle Reconstruction Mode	5	Not reconstructed	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	999	Unknown	more
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	9999	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	9999	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	9999	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	040 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	044 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	091 cm	—	—
V650 — Case Vehicle Impact 1 C1	044 cm	—	—

V651 — Case Vehicle Impact 1 C2	034 cm	—	—
V652 — Case Vehicle Impact 1 C3	026 cm	—	—
V653 — Case Vehicle Impact 1 C4	016 cm	—	—
V654 — Case Vehicle Impact 1 C5	001 cm	—	—
V655 — Case Vehicle Impact 1 C6	000 cm	No Crush	more
V656 — Case Vehicle Impact 1 +/- D	-058 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	1	Bumper	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	055 cm	—	—
V660 — Case Vehicle Impact 2 Max Crush	001 cm	—	—
V661 — Case Vehicle Impact 2 Field-L	152 cm	—	—
V662 — Case Vehicle Impact 2 C1	001 cm	—	—
V663 — Case Vehicle Impact 2 C2	000 cm	No Crush	more
V664 — Case Vehicle Impact 2 C3	000 cm	No Crush	more
V665 — Case Vehicle Impact 2 C4	000 cm	No Crush	more
V666 — Case Vehicle Impact 2 C5	000 cm	No Crush	more
V667 — Case Vehicle Impact 2 C6	000 cm	No Crush	more
V668 — Case Vehicle Impact 2 +/- D	-049 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	1	—	—
V670 — Other Vehicle Impact 1 Plane	1	Bumper	more

V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	040 cm	—	—
V672 — Other Vehicle Impact 1 Max Crush	106 cm	—	—
V673 — Other Vehicle Impact 1 Field-L	120 cm	—	—
V674 — Other Vehicle Impact 1 C1	106 cm	—	—
V675 — Other Vehicle Impact 1 C2	100 cm	—	—
V676 — Other Vehicle Impact 1 C3	075 cm	—	—
V677 — Other Vehicle Impact 1 C4	055 cm	—	—
V678 — Other Vehicle Impact 1 C5	025 cm	—	—
V679 — Other Vehicle Impact 1 C6	000 cm	No Crush	more
V680 — Other Vehicle Impact 1 +/- D	-055 cm	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	more
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	more
V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	more
V686 — Other Vehicle Impact 2 C1	998	Not applicable	more
V687 — Other Vehicle Impact 2 C2	998	Not applicable	more
V688 — Other Vehicle Impact 2 C3	998	Not applicable	more
V689 — Other Vehicle Impact 2 C4	998	Not applicable	more
V690 — Other Vehicle Impact 2 C5	998	Not applicable	more

V691 — Other Vehicle Impact 2 C6	998	Not applicable	more
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

Case Vehicle

Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	more
V702 — Right Front Wheel Damaged	0	No	more
V703 — Right Rear Wheel Damaged	0	No	more
V704 — Left Rear Wheel Damaged	0	No	more
V705 — Left Front Tire Tread Type	4	All Weather	more
V706 — Right Front Tire Tread Type	4	All Weather	more
V707 — Right Rear Tire Tread Type	4	All Weather	more
V708 — Left Rear Tire Tread Type	4	All Weather	more
V709 — Left Front Carcass Construction	3	Radial	more
V710 — Right Front Carcass Construction	3	Radial	more
V711 — Right Rear Carcass Construction	3	Radial	more
V712 — Left Rear Carcass Construction	3	Radial	more
V717 — Left Front Tire Size	P19565R15	—	—
V718 — Right Front Tire Size	P19565R15	—	—
V719 — Right Rear Tire Size	P19565R15	—	—
V720 — Left Rear Tire Size	P19565R15	—	—

Case Vehicle

Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	133	—	—
V804 — Main Tank Material	3	Plastic	more
V805 — Aux Tank Type	8	Not applicable (not equipped)	more
V806 — Aux Tank Location	888	Not applicable (not equipped)	more
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	more
V808 — Aux Tank Material	8	Not applicable	more
V901 — Fuel Leakage From Crash	0	No	more
V1001 — Fire In Or On Case Vehicle	0	No	more

Case Vehicle

Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	more
V1102 — Hood Latch Damaged	1	Yes	more
V1103 — Hood Latch Jammed	1	Yes	more
V1104 — Left Hood Hinge Damaged	1	Yes	more
V1105 — Left Hood Hinge Separated	0	No	more
V1106 — Right Hood Hinge Damaged	1	Yes	more
V1107 — Right Hood Hinge Separated	0	No	more
V1108 — Hood Remained On Vehicle	1	Yes	more
V1109 — Rear Hood Edge Elevated	1	Yes	more
V1110 — Edge Contacted Windshield	1	Yes	more
V1111 — Edge Penetrated Windshield	1	Yes	more
V1112 — Hood Latch Location	1	Front of Vehicle	more
V1113 — Eng/Transmissn Mount Separation	0	No	more
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Steerng Column Coupling Damaged	9	Unknown	more
V1116 — Steerng Column Coupling Separated	9	Unknown	more
V1117 — Eng Comp Telescopng Unit	88	Not collected	more
V1118 — Comp Orig/Telescopd Diff	888	Not collected	more

V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	more
V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	more
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more
V1122 — Upper Left B-pillar Separation	0	No	more
V1123 — Lower Left B-pillar Separation	0	No	more
V1124 — Upper Left C-pillar Separation	0	No	more
V1125 — Lower Left C-pillar Separation	0	No	more
V1126 — Upper Left D-pillar Separation	0	No	more
V1127 — Lower Left D-pillar Separation	0	No	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	0	Door did not open	more
V1130 — Left Front Door Jammed Closed	1	Yes	more
V1131 — Left Rear Door Jammed Closed	1	Yes	more
V1132 — Rear Door Type	2	One-way tailgate	more
V1133 — Rear Door Opening Cause	0	Door did not open	more
V1134 — Rear Door Jammed Closed	0	No	more
V1135 — Luggage Partition Damagd	0	No	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	0	No hitch	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	more

V1140 — Upper Right A-pillar Separation	0	No	more
V1141 — Lower Right A-pillar Separation	0	No	more
V1142 — Upper Right B-pillar Separation	0	No	more
V1143 — Lower Right B-pillar Separation	0	No	more
V1144 — Upper Right C-pillar Separation	0	No	more
V1145 — Lower Right C-pillar Separation	0	No	more
V1146 — Upper Right D-pillar Separation	0	No	more
V1147 — Lower Right D-pillar Separation	0	No	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	00	Door did not open	more
V1150 — Right Front Door Jammed Closed	1	Yes	more
V1151 — Right Rear Door Jammed Closed	1	Yes	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	1	Yes	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	9	Unknown if separated	more
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	0	No	more

Case Vehicle

Steering

Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	2	Severely bent	more
V1202 — Number of Steering Wheel Spokes	4	4 spokes	more
V1203 — Steering Wheel Spoke Damage	0	None	more
V1204 — Column Tilt Feature	1	Yes, equipped (position unknown)	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	1	Upward apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle

Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	more
V1302 — Was Intrusion Catastrophic	0	No	more
V1303 — Intrusion Number 01	01	Intrusion #1	more
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	more
V1305 — Intrusion 01 Intruding Object	01	Instrument panel	more
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	more
V1307 — Intrusion 01 Max Intrusion X-axis	20 cm	—	—
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1310 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	more
V1311 — Intrusion 01 Injury Number	01	Injury #1	more
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1314 — Intrusion Number 02	02	Intrusion #2	more
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	more
V1316 — Intrusion 02 Intruding Object	03	Toe pan	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more

V1318 — Intrusion 02 Max Intrusion X-axis	20 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1325 — Intrusion Number 03	03	Intrusion #3	more
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	more
V1327 — Intrusion 03 Intruding Object	29	Side footwell panel (kickpanel)	more
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	more
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1330 — Intrusion 03 Max Intrusion Y-axis	25 cm	—	—
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1336 — Intrusion Number 04	04	Intrusion #4	more
V1337 — Intrusion 04 Occupant Space Number	12	First row, Center seat	more
V1338 — Intrusion 04	01	Instrument panel	more

Intruding Object			
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	more
V1340 — Intrusion 04 Max Intrusion X-axis	15 cm	—	—
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	more
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1346 — Intrusion 04 Injury Number	00	No injury or no intrusion	more
V1347 — Intrusion Number 05	05	Intrusion #5	more
V1348 — Intrusion 05 Occupant Space Number	13	First row, Right seat	more
V1349 — Intrusion 05 Intruding Object	01	Instrument panel	more
V1350 — Intrusion 05 Assoc Event Number	1	Event #1	more
V1351 — Intrusion 05 Max Intrusion X-axis	07 cm	—	—
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1358 — Intrusion Number 06	00	No Intrusion, None	more

V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	more
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	more
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	more
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	more
V1369 — Intrusion Number 07	00	No Intrusion, None	more
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	more
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	more
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	more
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more

V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	more
V1380 — Intrusion Number 08	00	No Intrusion, None	more
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	more
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	more
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	more
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury	00	No injury or no intrusion	more

Number			
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	88	Not Applicable	more
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	more
V1415 — Door Intrusion Number 02	88	Not Applicable	more
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	more
V1417 — Door Intrusion Number 03	88	Not Applicable	more
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	more
V1419 — Door Intrusion 01	88	Not Applicable	more

Component			
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	more
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	more
V1422 — Door Intrusion 02 Component	88	Not Applicable	more
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	more
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	more
V1425 — Door Intrusion 03 Component	88	Not Applicable	more
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	more
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	more
V1428 — Door Intrusion 04 Component	88	Not Applicable	more
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	more
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	more

Case Vehicle

Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	more
V1502 — Driver Airbag Deployed	1	Yes	more
V1503 — Driver Airbag Condition	0	No Damage	more
V1504 — Passenger Airbag Equip	1	Yes	more
V1505 — Passenger Airbag Deployed	1	Yes	more
V1506 — Passenger Airbag Condition	0	No Damage	more
V1507 — Steering Wheel Airbag Tether	1	Yes	more
V1508 — Driver Airbag Marked By Contact	1	Yes	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	0	No	more

Case Vehicle

Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	4	Yes, occupant contact	more
V1602 — Right Front Door Damaged	0	No	more
V1603 — Left Front Hardware Damaged	4	Yes, occupant contact	more
V1604 — Right Front Hardware Damaged	0	No	more
V1605 — Left Front Armrest Damaged	4	Yes, occupant contact	more
V1606 — Right Front Armrest Damaged	0	No	more
V1607 — Left Front Glass Damaged	1	Yes	more
V1608 — Right Front Glass Damaged	0	No	more
V1609 — Left Rear Door Area Damaged	0	No	more
V1610 — Right Rear Door Area Damaged	0	No	more
V1611 — Left Rear Hardware Damaged	0	No	more
V1612 — Right Rear Hardware Damaged	0	No	more
V1613 — Left Rear Armrest Damaged	0	No	more
V1614 — Right Rear Armrest Damaged	0	No	more
V1615 — Left Rear Glass Damaged	0	No	more
V1616 — Right Rear Glass Damaged	0	No	more
V1617 — Left Roof Side Rail Damaged	1	Yes	more
V1618 — Right Roof Side Rail Damaged	0	No	more
V1619 — Left B-pillar Damaged	0	No	more

V1620 — Right B-pillar Damaged	0	No	more
V1621 — Left C-pillar Damaged	0	No	more
V1622 — Right C-pillar Damaged	0	No	more
V1623 — Left D-pillar Damaged	0	No	more
V1624 — Right D-pillar Damaged	0	No	more
V1625 — Left Headlining Damaged	1	Yes	more
V1626 — Right Headlining Damaged	0	No	more
V1627 — Left Roof Structure Damaged	1	Yes	more
V1628 — Right Roof Structure Damaged	0	No	more
V1629 — Left T/Sun Roof Damaged	1	Yes	more
V1630 — Right T/Sun Roof Damaged	0	No	more
V1631 — Other Left Side Item Damagd	8	Not applicable	more
V1632 — Other Right Side Item Damagd	8	Not applicable	more
V1633 — Foot Controls Damaged	1	Yes	more
V1634 — Ignition Key Damaged	0	No	more
V1635 — Rear View Mirror Damaged	0	No	more
V1636 — Sunvisor/Fitting Damaged	0	No	more
V1637 — Windshield Molding Damaged	1	Yes	more
V1638 — Left A-pillar Damaged	1	Yes	more
V1639 — Right A-pillar Damaged	0	No	more
V1640 — Center Console Damaged	8	Not applicable	more
V1641 — Transmission Lever Damaged	0	No	more
V1642 — Horn/Spoke Shroud Damagd	4	Yes, occupant contact	more
V1643 — Upper Panel Damaged	1	Yes	more
V1644 — Mid Panel Damaged	1	Yes	more
V1645 — Lower Panel Damaged	4	Yes, occupant contact	more

V1646 — Ashtray Damaged	0	No	more
V1647 — Control Knob/Lever Damaged	0	No	more
V1648 — Glove Compartment Area Damaged	0	No	more
V1649 — Instruments Damaged	1	Yes	more
V1650 — Park Brake Release Damaged	0	No	more
V1651 — Park Brake Pedal Damaged	0	No	more
V1652 — A/C Or Upper Vent Damaged	0	No	more
V1653 — Heater Or A/C Duct Damaged	0	No	more
V1654 — Radio Damaged	1	Yes	more
V1655 — Other Item Damaged	8	Not applicable	more
V1656 — Rear Window Damaged	0	No	more
V1657 — Rear Window Header Damaged	0	No	more
V1658 — Vertical Console Damaged	0	No	more
V1659 — Roof Console Damaged	0	No	more

Case Vehicle

Seats

Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	more
V1702 — Passenger Front Seat Type	05	Bucket	more
V1703 — Driver Seat Mount Type	1	Standard	more
V1704 — Passenger Seat Mount Type	1	Standard	more
V1705 — Driver Swivel Mechanism Equipped	0	No	more
V1706 — Passenger Swivel Mechanism Equipped	0	No	more
V1707 — Driver Seat Original Equipment	1	Yes	more
V1708 — Passenger Seat Original Equipment	1	Yes	more
V1709 — Driver Seat/Rear Occupant Contact	1	Yes	more
V1710 — Passenger Seat/Rear Occupant Contact	0	No	more
V1711 — Driver Seat Damage	0	None	more
V1712 — Passenger Seat Damage	0	None	more
V1713 — Center Front Armrest Damaged	0	No	more
V1714 — Driver Seat Rotation	3	Left apparent	more
V1715 — Passenger Seat Rotation	0	None apparent	more
V1716 — Driver Seat-back Type	3	Reclining	more

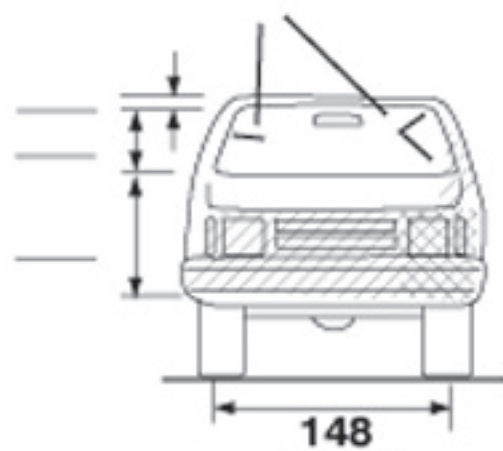
V1717 — Passenger Seat-back Type	3	Reclining	more
V1718 — Driver Seat-back Lock Type	1	Manual	more
V1719 — Passenger Seat-back Lock Type	1	Manual	more
V1720 — Driver Seat-back Lock Held	1	Yes	more
V1721 — Passenger Seat-back Lock Held	1	Yes	more
V1722 — Driver Recliner Mechanism Held	1	Yes	more
V1723 — Passenger Recliner Mechanism Held	1	Yes	more
V1724 — Driver Head Restraint Type	1	Adjustable	more
V1725 — Passenger Head Restraint Type	1	Adjustable	more
V1726 — Driver Head Rest Removed	0	No	more
V1727 — Passenger Head Rest Removed	0	No	more
V1728 — Driver Head Rest Adjustment	2	Down	more
V1729 — Passenger Head Rest Adjustment	1	Up	more
V1730 — Driver Head Rest Damage	0	None	more
V1731 — Passenger Head Rest Damage	0	None	more
V1732 — Driver Seat Adjustment Type	1	Manual	more
V1733 — Passenger Seat Adjustment Type	1	Manual	more
V1734 — Driver Seat Adjustment Provided	1	2-way	more
V1735 — Passenger Seat Adjustment Provided	1	2-way	more
V1736 — Driver Seat Adjuster Damage	2	Deformed (released/jammed)	more

V1737 — Passenger Seat Adjuster Damage	0	None	more
V1738 — Driver Seat Adjuster Separation	0	None	more
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	more
V1740 — Driver Seat Pre-crash Position	2	Middle	more
V1741 — Passenger Seat Pre-crash Position	2	Middle	more
V1742 — Left Rear Seat Type	2	Folding	more
V1743 — Right Rear Seat Type	2	Folding	more
V1744 — Left Rear Seat Damaged	0	None	more
V1745 — Right Rear Seat Damaged	0	None	more
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	more
V1747 — Left Rear Seat-back Left Lock Equipped	1	Yes	more
V1748 — Right Rear Seat-back Left Lock Equipped	0	No	more
V1749 — Left Rear Seat-back Left Lock Held	1	Yes	more
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	more
V1751 — Left Rear Seat-back Right Lock Equipped	0	No	more
V1752 — Right Rear Seat-back Right Lock Equipped	1	Yes	more
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	more
V1754 — Right Rear Seat-back Right Lock Held	1	Yes	more
V1755 — Left 3rd Seat Equipped	0	No	more
V1756 — Right 3rd Seat Equipped	0	No	more

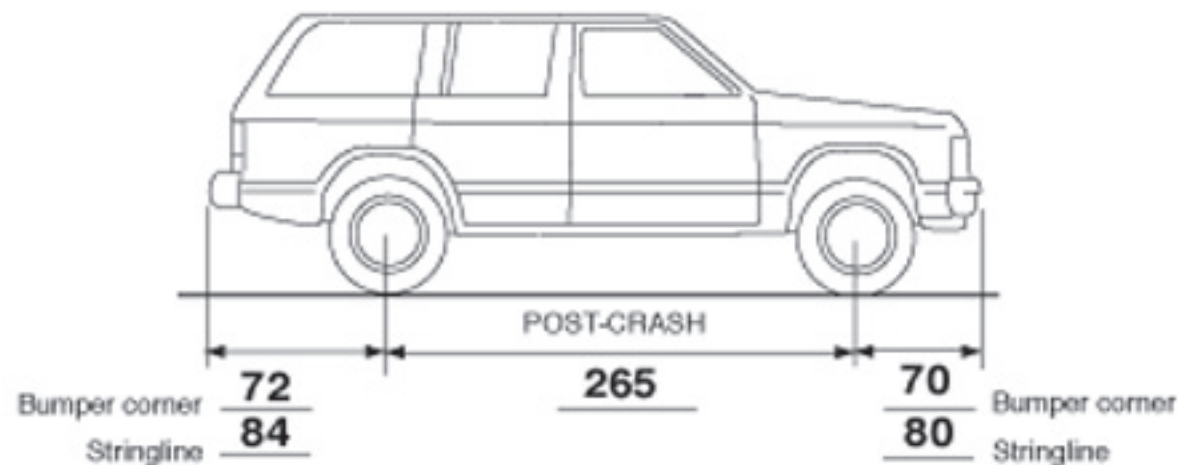
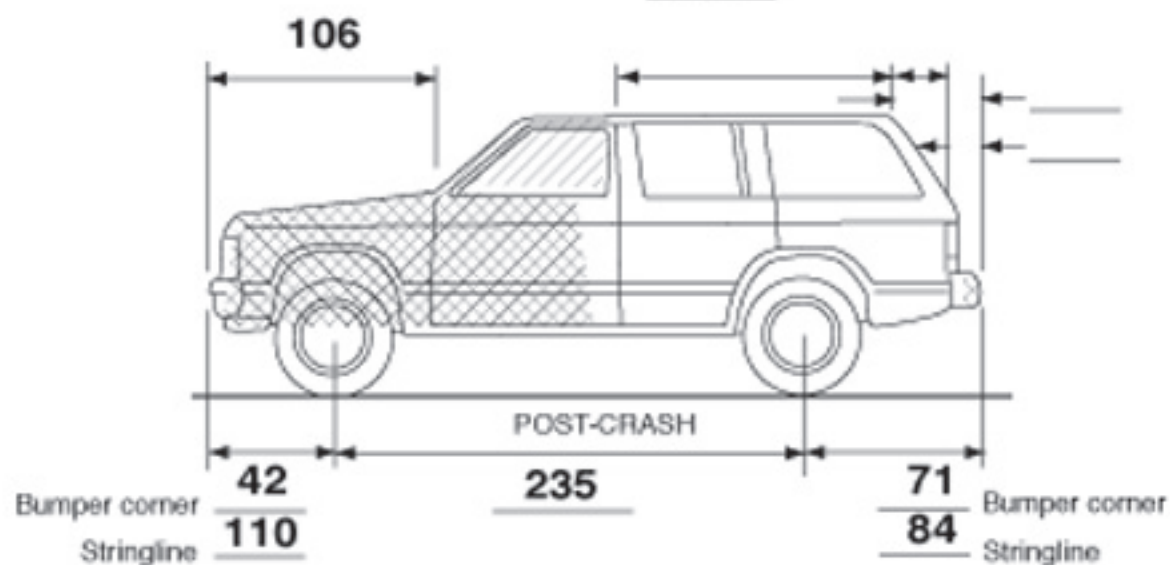
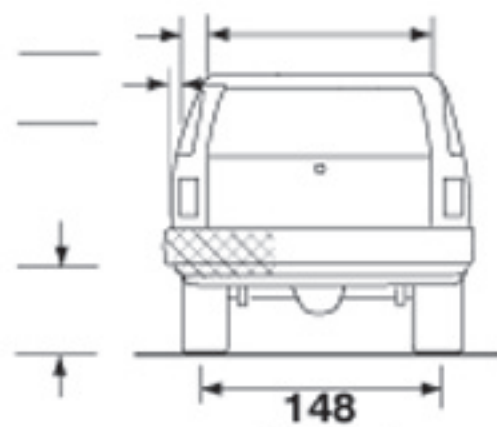
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	more
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	more
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	more
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	more
V1761 — Rear Head Restraints	0	Not Equipped (or removed)	more

MEASUREMENTS IN CENTIMETERS

tears in windshield

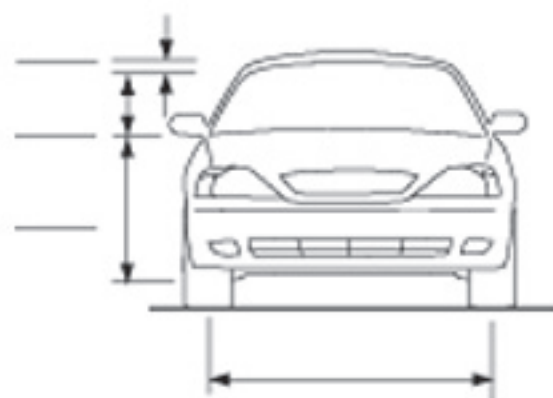


Original
Bumper Height

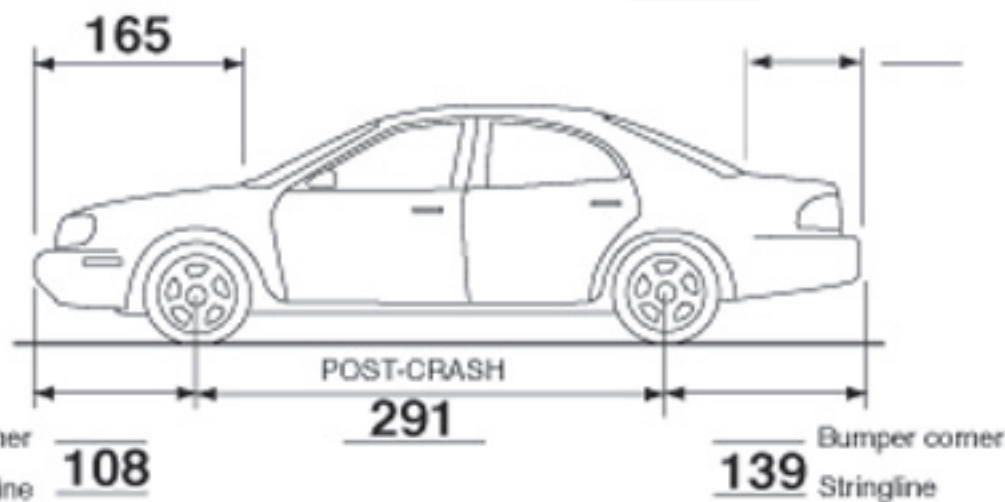
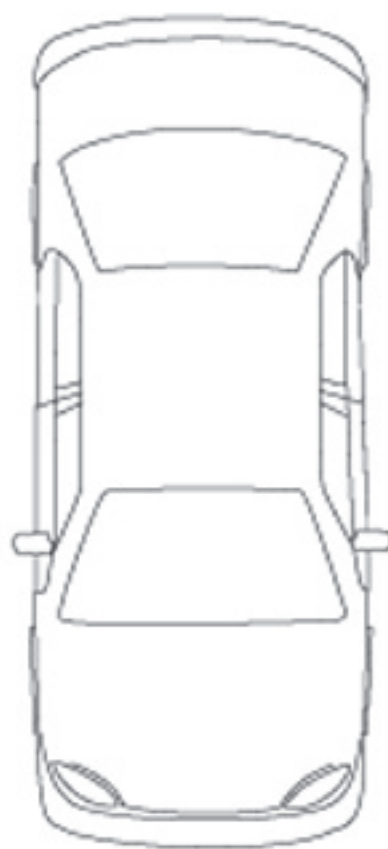
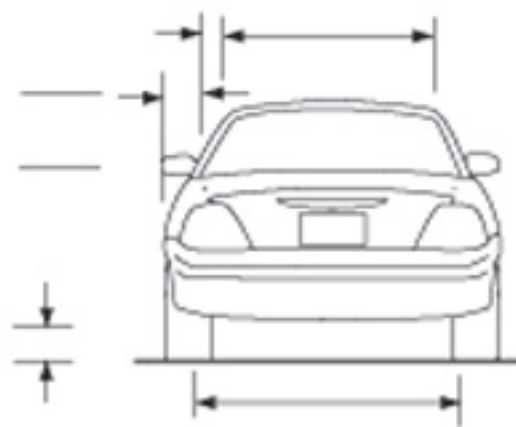


MEASUREMENTS IN CENTIMETERS

Not Inspected



Original
Bumper Height



Bumper corner
Stringline

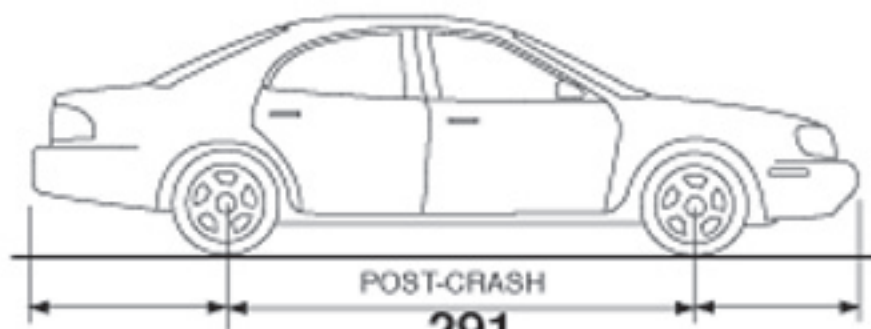
108

POST-CRASH

291

Bumper corner
Stringline

139



Bumper corner
Stringline

139

POST-CRASH

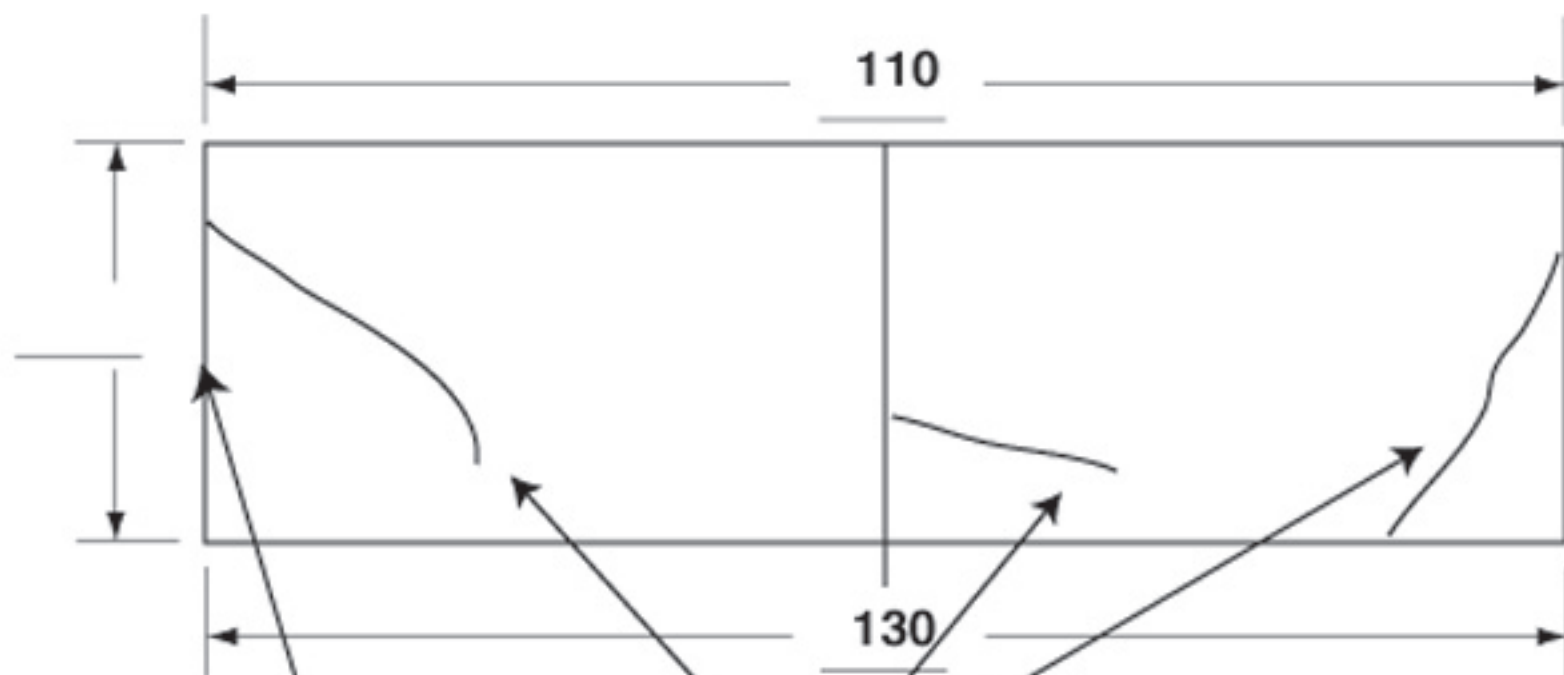
291

Bumper corner
Stringline

108

WINDSHIELD MARK ON CASE VEHICLE:

Not able to read



three separate tears in plastic innerlayer

bond separation along left side of WS

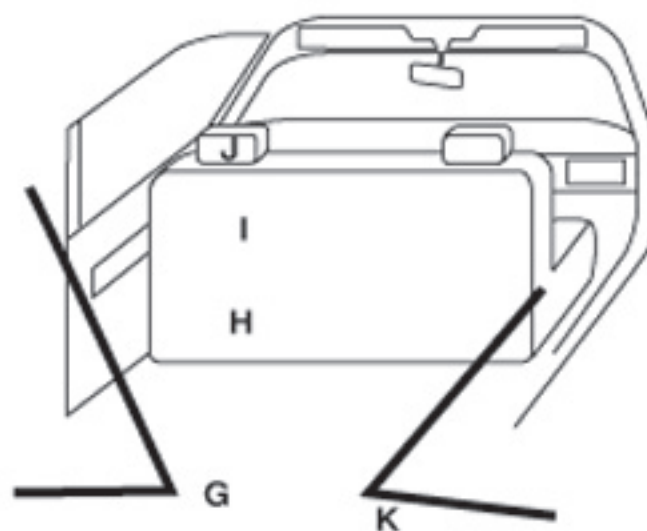
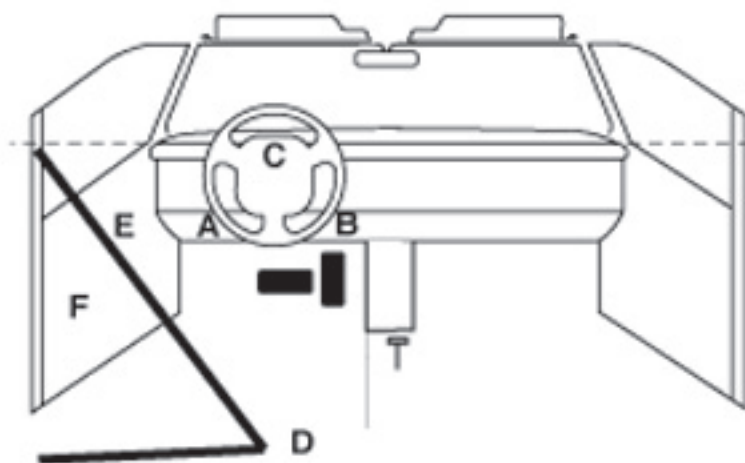
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
LF	Toe panel	120	–	100	= 20	To rear
LF	Knee bolster/IP	78	–	58	= 20	To rear
LF	Kick panel	75	–	50	= 25	To right
CF	IP	70	–	55	= 15	To rear
RF	Knee bolster/IP	72	–	65	= 7	To rear
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	Left knee	Cloth transfer, cracked plastic	1
B	Knee bolster	1	Right knee	Cloth transfer	1
C	SW airbag	1	Face	Blood transfer	2
D	DR seatbelt	1	Chest	Loading marks	1
E	Door panel	1	Unk.	Cloth transfer	2
F	Door armrest	1	Left hip	Deformed, missing	2
G	LR seatbelt	2	Chest	Loading marks	1
H	LF seatback	2	Foot/leg	Scuff	3
I	LF seatback	2	Unk.	Scuff	3
J	LF headrest	2	Unk.	Scuff	3
K	RF seatbelt	3	Chest	Loading marks	2
L					
M					



A = DR knee bolster, cloth transfer, cracked plastic

B = DR knee bolster, cloth transfer

C = SW airbag, blood transfer

D = DR seatbelt system, loading marks

E = DR interior door panel, cloth transfer

F = DR door armrest, missing, deformed

G = LR seatbelt system, loading marks

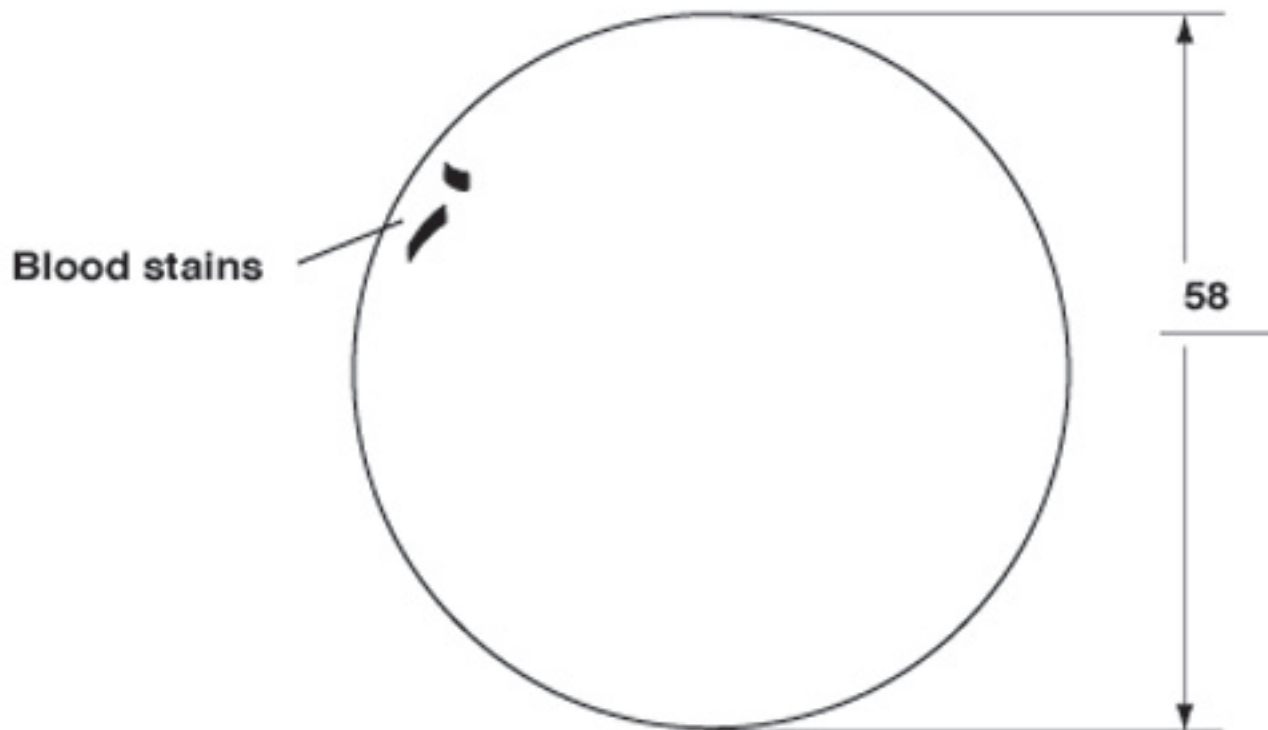
H = backside of DR seatback, scuff

I = backside of DR seatback, scuff

J = backside of DR headrest, scuff

K = RF seatbelt system, loading marks

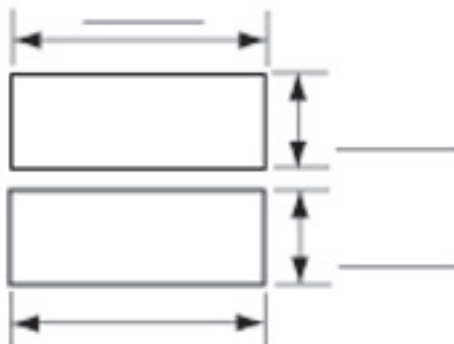
Driver Airbag



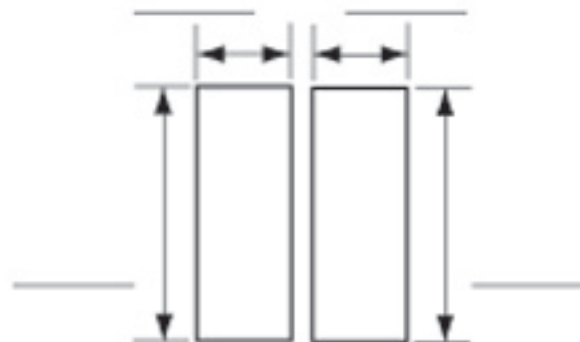
Vents: ☒ Y ☐ N
if yes, how many: 2

Tethers: ☒ Y ☐ N
if yes, how many: 1

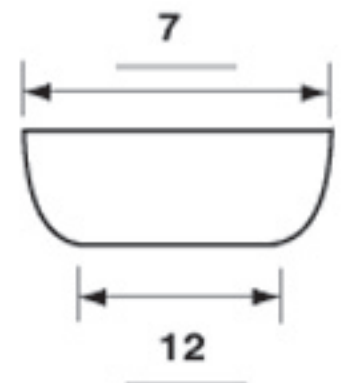
Driver Airbag Doors



H-Pattern

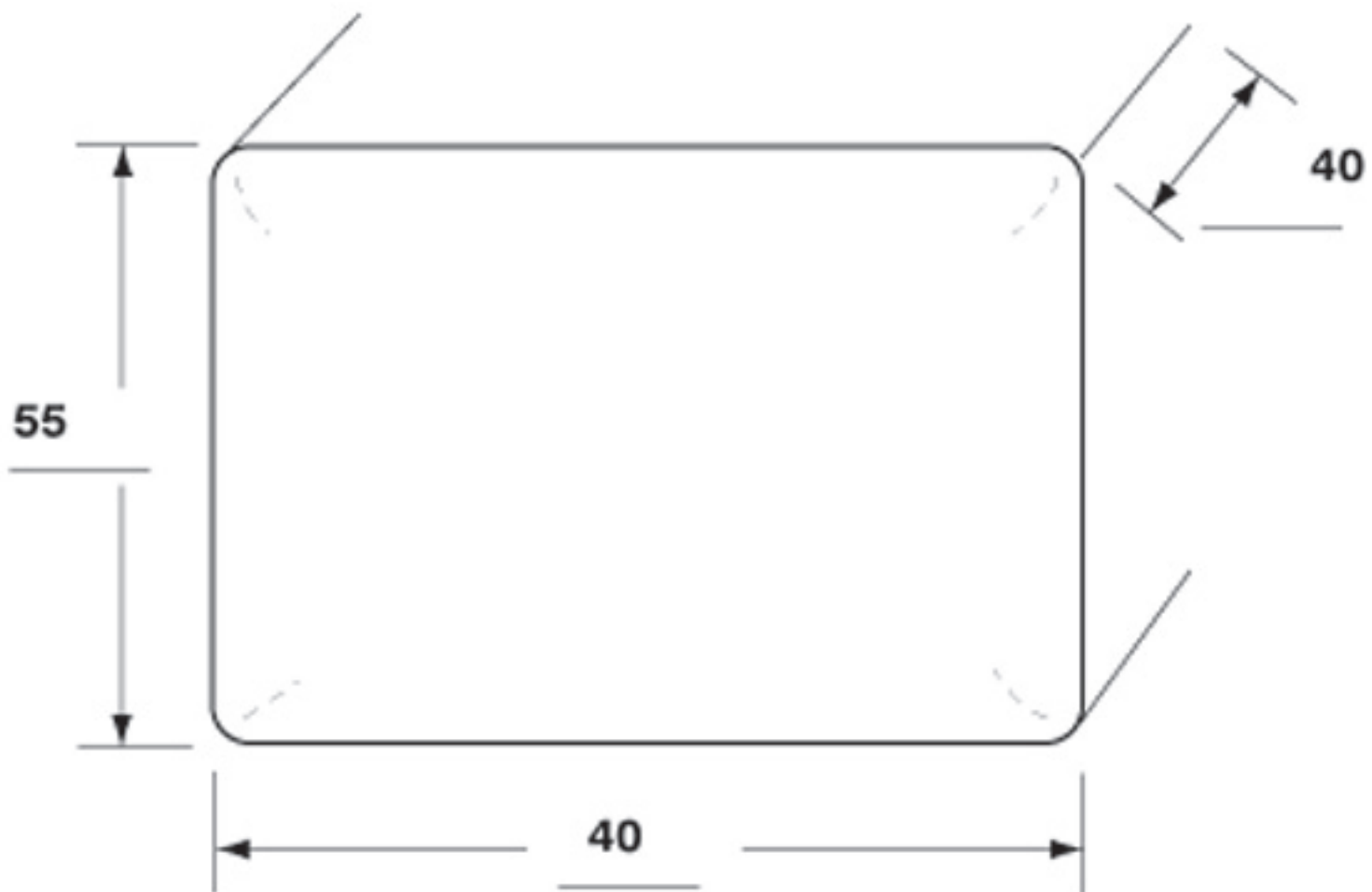


I-Pattern



Single Door

Passenger Airbag

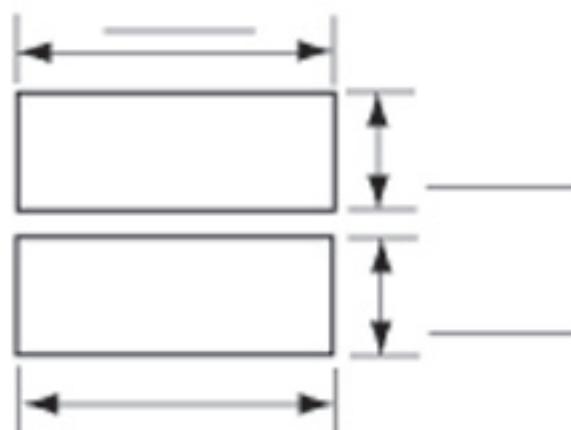


Vents: ☒ Y ☐ N
if yes, how many: 2

Tethers: ☐ Y ☒ N ☐ 0
if yes, how many: 0

Passenger Airbag Doors

H-Pattern



Single Door



Case # 353: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	16	Pelvic/hip	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	06	Fracture	more
V2107 — Primary OIC -system/Organ	19	Skeletal	more
V2108 — Primary OIC -severity	2	Moderate	more
V2109 — Primary OIC	PLFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 353: Occupant # 2; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	01	Anterior/front	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	NACI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 353: Occupant # 2; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	16	Posterior/back	more
V2106 — Primary OIC -lesion	18	Rupture	more
V2107 — Primary OIC -system/Organ	22	Vertebrae	more
V2108 — Primary OIC -severity	2	Moderate	more
V2109 — Primary OIC	NPRV2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 353: Occupant # 2; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	more
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	16	Posterior/back	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	03	Spinal cord	more
V2108 — Primary OIC -severity	4	Severe	more
V2109 — Primary OIC	NPCC4	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 353: Occupant # 2; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	more
V2102 — 1st Prob Contact Area	98	Impact force, "whiplash", hyperextension/ compression	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	16	Posterior/back	more
V2106 — Primary OIC -lesion	04	Dislocation	more
V2107 — Primary OIC -system/Organ	22	Vertebrae	more
V2108 — Primary OIC -severity	3	Serious	more
V2109 — Primary OIC	NPDV3	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 353: Occupant # 3; Injury # 0

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	00	Dummy Injury Record For Uninjured Occupants	more
V2102 — 1st Prob Contact Area	00	No Contact/not applicable	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	99	No injury	more
V2105 — Primary OIC -aspect	99	No injury	more
V2106 — Primary OIC -lesion	99	No injury	more
V2107 — Primary OIC -system/Organ	99	No injury	more
V2108 — Primary OIC -severity	0	None	more
V2109 — Primary OIC	—	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	0	None	more
V2115 — Assoc OIC 1	—	—	—

Case # 353: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	more
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	more
V2003 — Occupant Position -row	1	1st row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	37	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	999	Unknown	more
V2009 — Occupant Height	999	Unknown	more
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	04	Hospitalized over 24 hrs or for significant treatment	more
V2012 — Injury Severity Score	04	ISS 4	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	3	A - Incapacitating Injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	1	Air bag installed	more
V2018 — Passive Restraint Usage	2	Air bag deployed	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	2	Moderate	more
V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	9	Unknown	more
V2025 — Source of Occupant Info	7	Combination of above	more

Case # 353: Occupant # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	02	Occupant #2	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	06	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	027 kg	—	—
V2009 — Occupant Height	117 cm	—	—
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	04	Hospitalized over 24 hrs or for significant treatment	more
V2012 — Injury Severity Score	17	—	—
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	3	A - Incapacitating Injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	00	None used	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more
V2022 — Highest OIC Severity	4	Severe	more

V2023 — Head Restraint Available	0	Not Equipped or Removed	more
V2024 — Occupant Eyewear	0	None	more
V2025 — Source of Occupant Info	7	Combination of above	more

Case # 353: Occupant # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	03	Occupant #3	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	5	Right	more
V2005 — Occupant Position -posture	60	In child seat	more
V2006 — Occupant Age In Years	03	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	022 kg	—	—
V2009 — Occupant Height	097 cm	—	—
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	03	Hospitalized for observation less than 24 hours	more
V2012 — Injury Severity Score	00	Not Injured	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	3	A - Incapacitating Injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	01	Yes, used	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	0	None	more
V2023 — Head Restraint Available	0	Not Equipped or Removed	more
V2024 — Occupant Eyewear	0	None	more
V2025 — Source of Occupant Info	7	Combination of above	more































































































221







DEATH OR SERIOUS INJURY CAN OCCUR







































Always use proper tie-down technique. Load should be evenly distributed and secured. Do not exceed weight limits. For more information, visit www.ford.com.

















5
CONTAINS: 1000000
100-10-1000000 1000 0
100-10-1000000 1000 0
100-10-1000000 1000 0







